

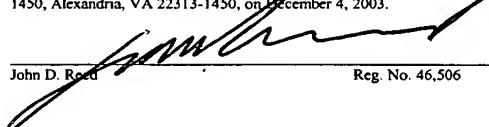


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant(s) : Ping He  
Serial No. : 10/660,342  
Filed : September 11, 2003  
Title : A METHOD FOR DETERMINING THE WALL THICKNESS AND THE SPEED OF SOUND IN A TUBE FROM REFLECTED AND TRANSMITTED ULTRASOUND PULSES  
Docket : WRU 0213 IA/40878.326  
Art Unit : N/A

**CERTIFICATE OF MAILING**  
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 4, 2003.

  
John D. Reed

Reg. No. 46,506

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.56, 1.97, AND 1.98**

Applicant submits herewith patents, publications, and other information of which he is aware, which he believes may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

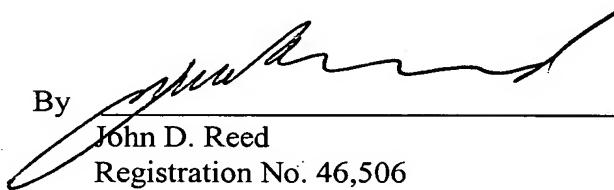
Serial No. 10/660,342  
Docket WRU 0213 IA/40878.326

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in 37 CFR §1.491 in an international application.

The above application is a continuation-in-part of U.S. Application Serial No. 10/055,461 filed January 23, 2002. Pursuant to §1.98(d), copies of those items cited by or submitted to the Office in the prior application are not being submitted.

The Office has waived the requirement pursuant to 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A.

Respectfully submitted,  
DINSMORE & SHOHL LLP

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JDR/kec  
Encl.



PTO/SB/08A (08-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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**Complete if Known**

Application Number	10/660,342
Filing Date	September 11, 2003
First Named Inventor	Ping He
Art Unit	
Examiner Name	

Attorney Docket Number WRU 0213 IA/40878.326

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number <small>Number-Kind Code<sup>2</sup> (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,930,404	01/06/1976	Ryden, Jr.	
		US- 4,027,527	06/07/1977	Bennett et al.	
		US- 4,049,954	09/20/1977	Da Costa Vieira et al.	
		US- 4,099,418	07/11/1978	Bennett et al.	
		US- 4,254,660	03/10/1981	Prause	
		US- 4,404,853	09/20/1983	Livingston	
		US- 4,475,399	10/09/1984	Livingston	
		US- 4,487,072	12/11/1984	Livingston	
		US- 4,740,146	04/26/1988	Angelbeck	
		US- 5,063,780	11/12/1991	Landry et al.	
		US- 5,156,636	10/20/1992	Kuljis	
		US- 5,596,508	01/21/1997	Cuffe	
US-					

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document <small>Country Code<sup>3</sup>-Number<sup>4</sup>-Kind Code<sup>5</sup> (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>

Examiner Signature

Date Considered

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				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	WRU 0213 IA/40878.326

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		KUO ET AL., A novel method for the measurement of acoustic speed; J. Acoust. Soc. Am.; 88 (4); October 1990; pg. 1679-1682		
		HSU ET AL., Simultaneous ultrasonic velocity and sample thickness measurement and application in composites; J. Acoust. Soc. Am.; 92 (2) Pt. 1; August 1992; page 669-675		
		HE PING; Measurement of acoustic dispersion using both transmitted and reflected pulses; J. Acoust. Soc. Am.; February 2000; pg. 801-807; Acoustical Society of America; United States		
		HE, PING; Simultaneous measurement of sound velocity and wall thickness of a tube; Ultrasonics; 2001; pg. 407-411; 39; Elsevier Science B.V.; United States		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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